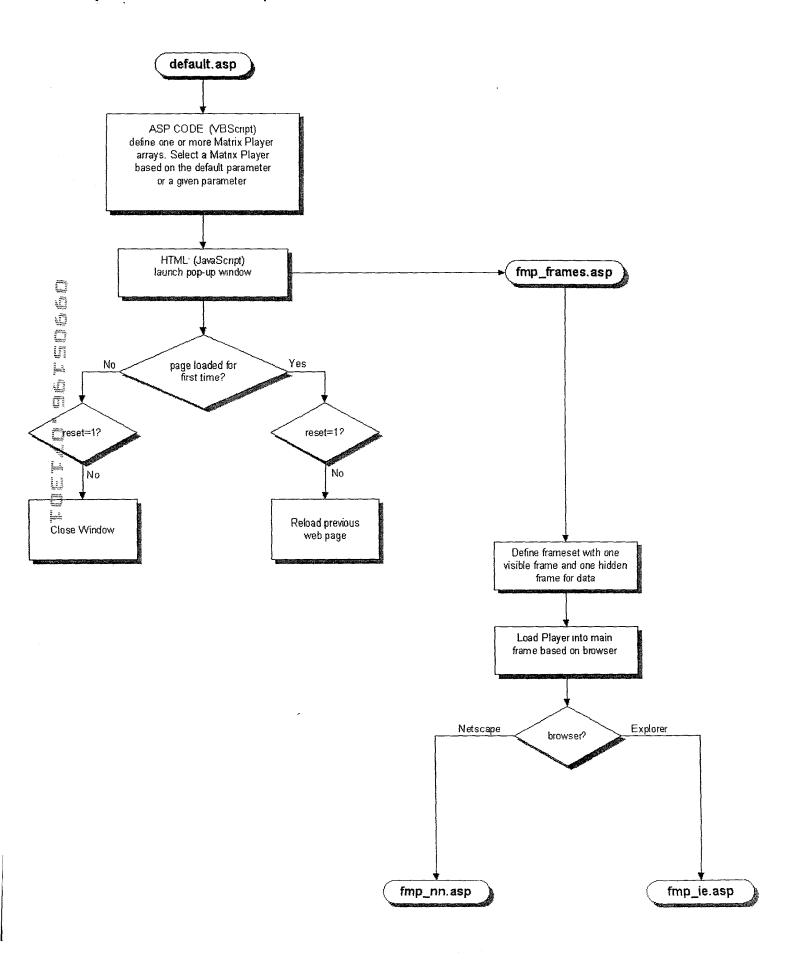
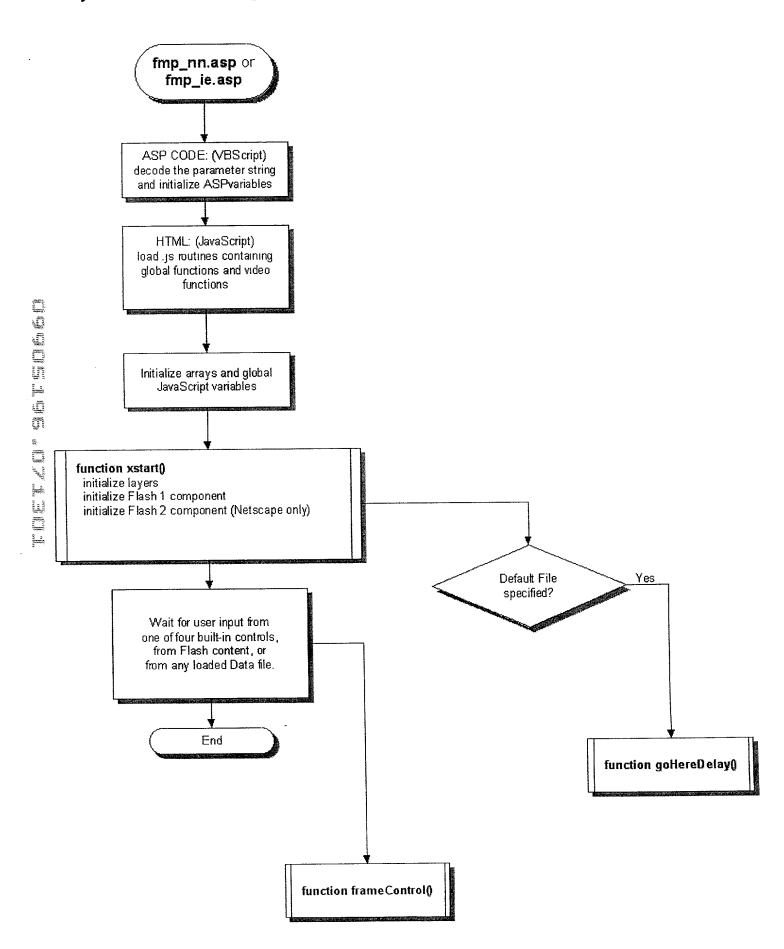
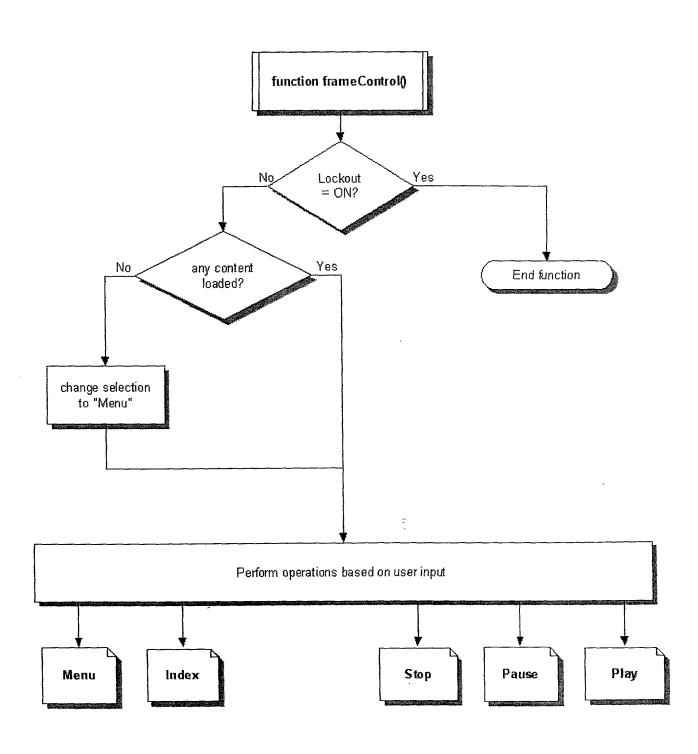
MatrixPlayer - Chart 1: Startup and File Structure

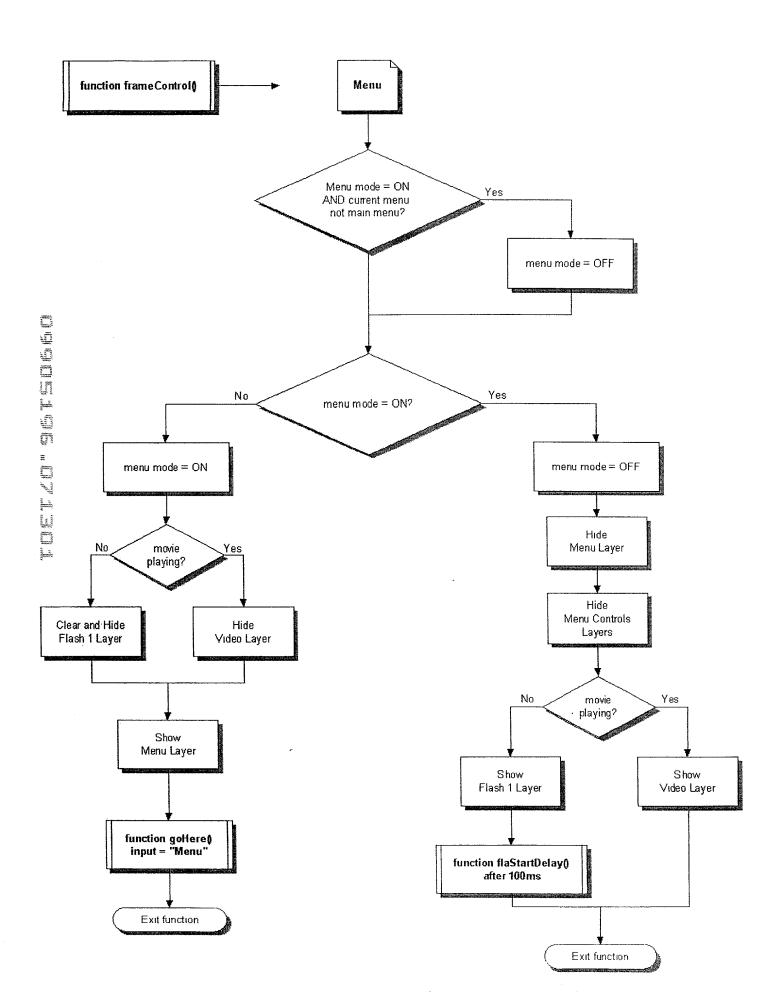


MatrixPlayer - Chart 2: Program Initialization and Overview

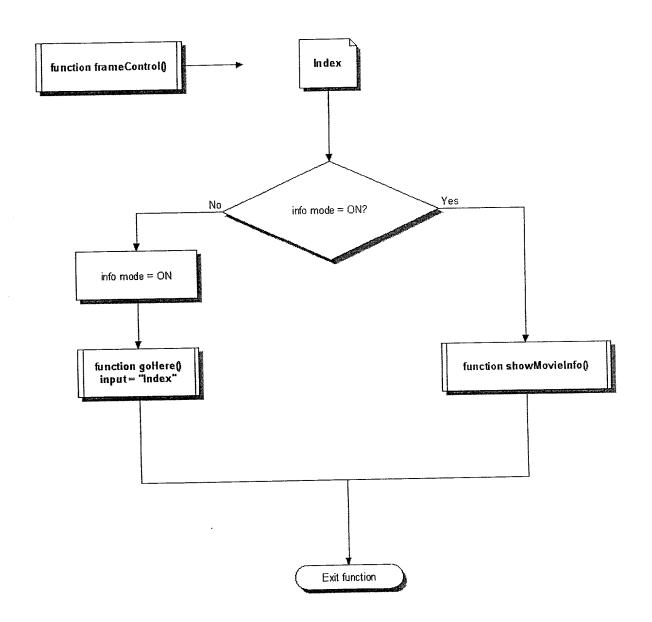


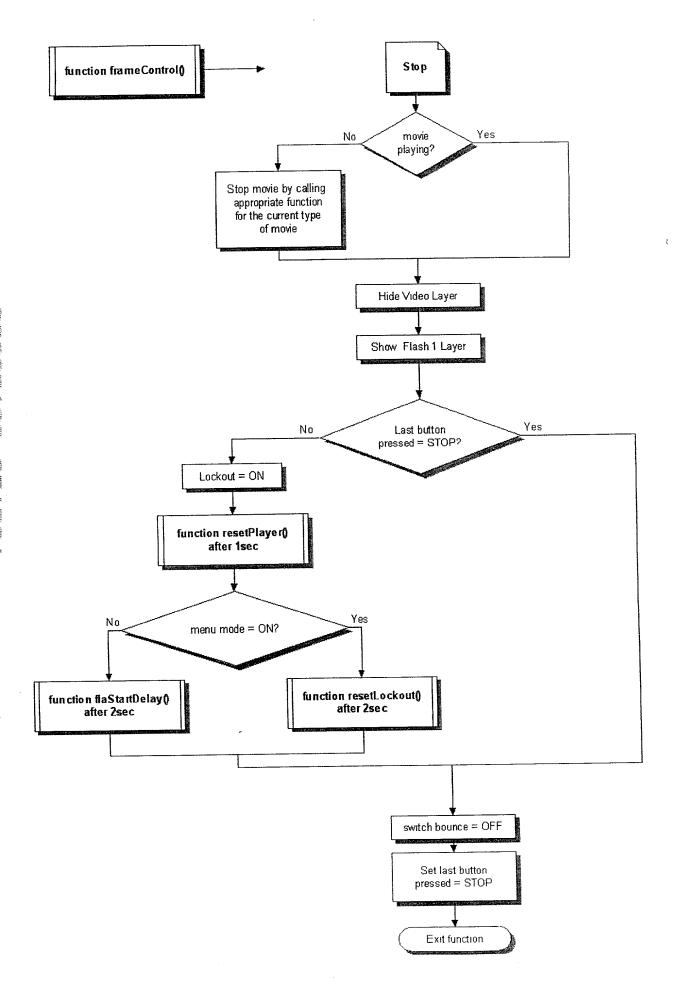
MatrixPlayer - Chart 3: function frameControl() overview



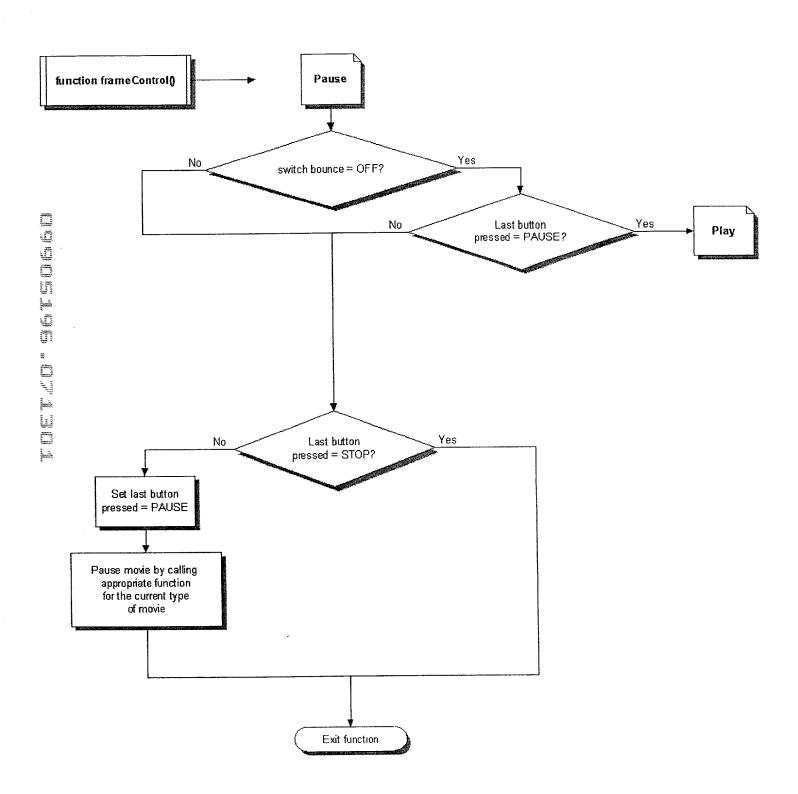


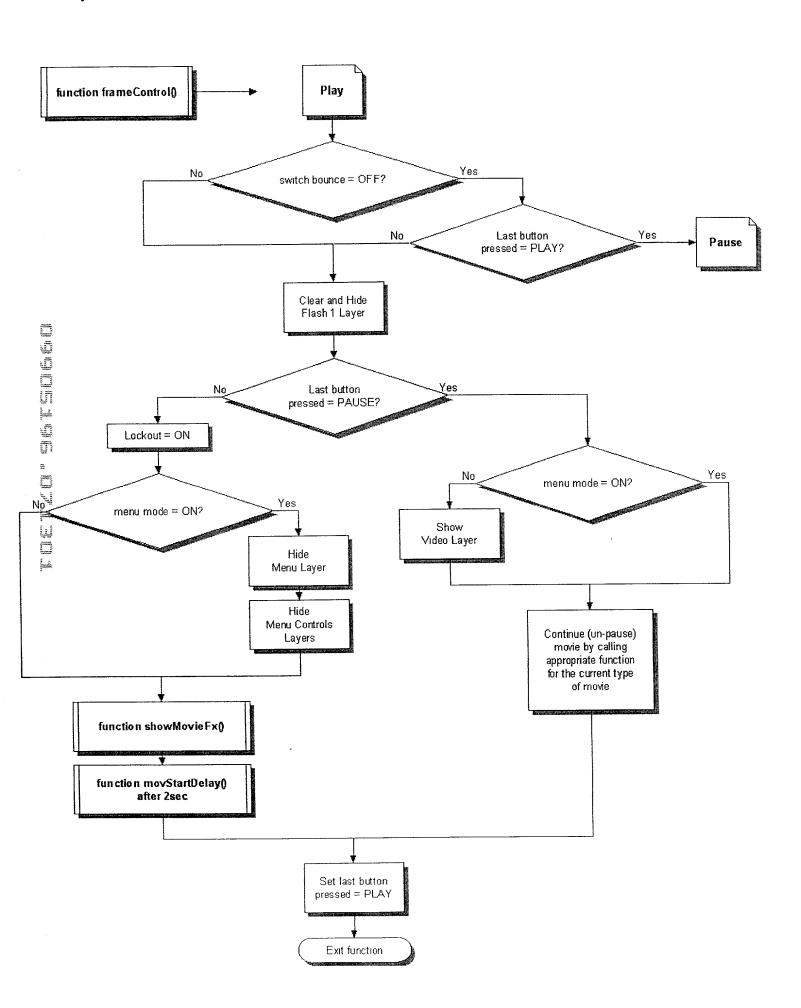
MatrixPlayer - Chart 3b: function frameControl(), input = "Index"

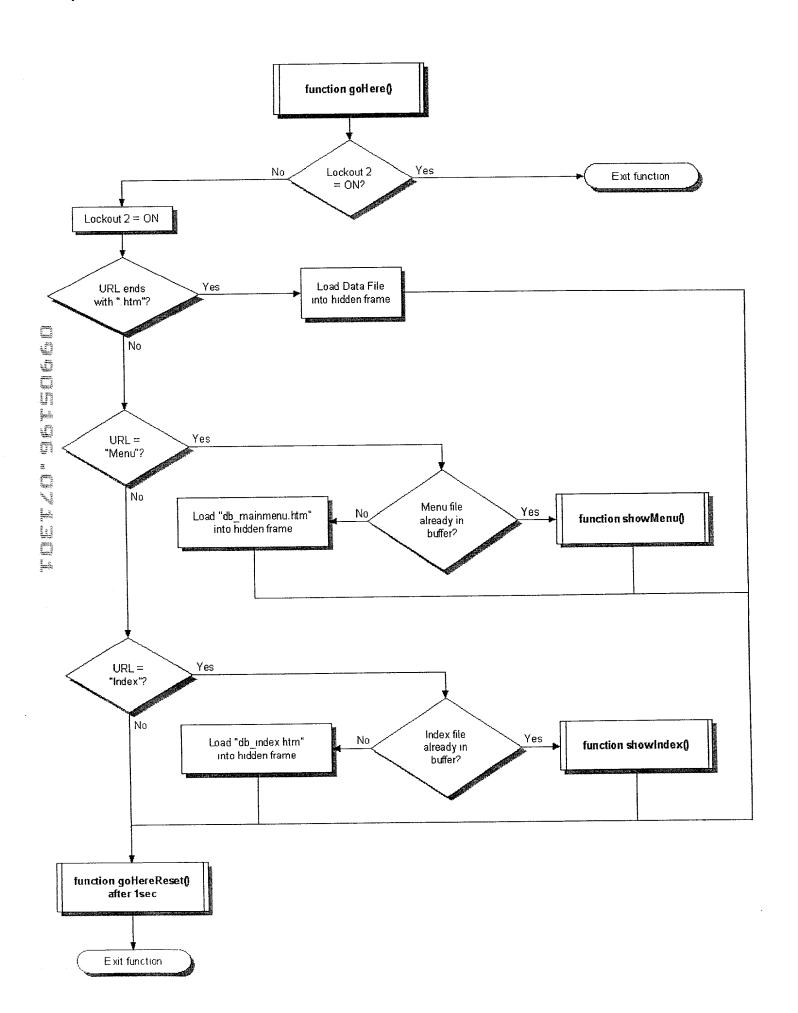


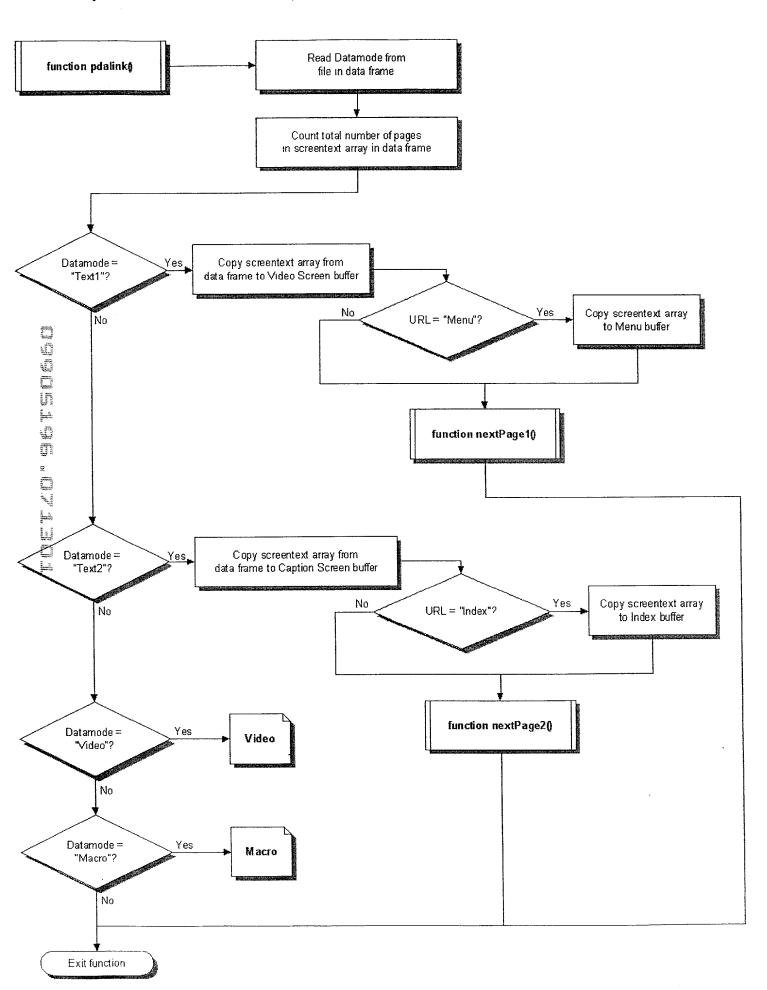


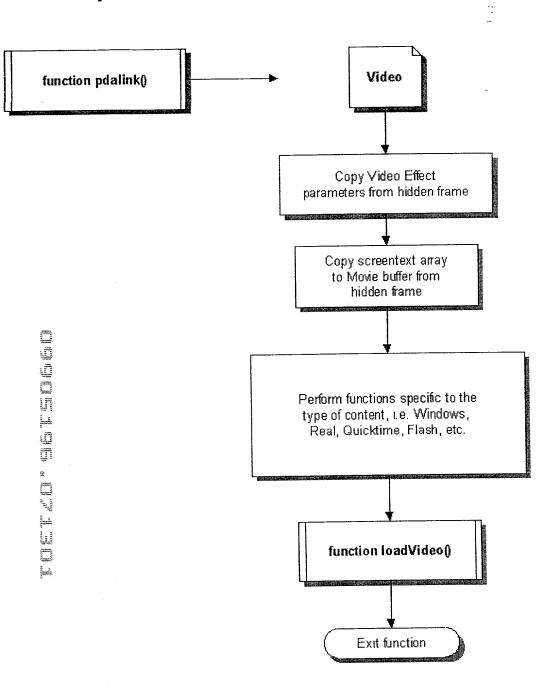
MatrixPlayer - Chart 3d: function frameControl(), input = "Pause"











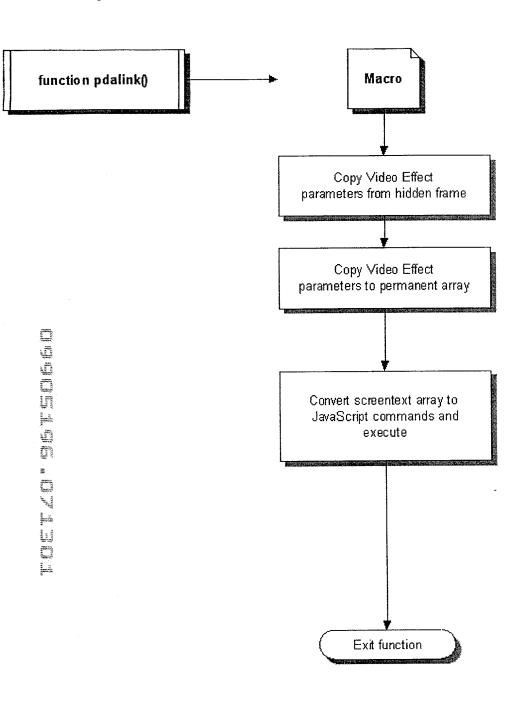


Figure 1 - Matrix Player's ability to play multiple formats

Figure 1a - Matrix Player showing a videos in multiple formats

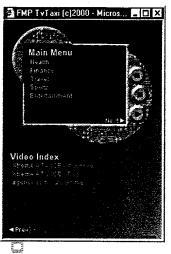


Figure 1b - Matrix Player playing a movie in Windows Media format.

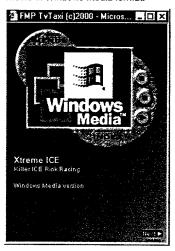


Figure 1c - Matrix Player playing a movie in Real Player format



Figure 2 - Matrix Player components

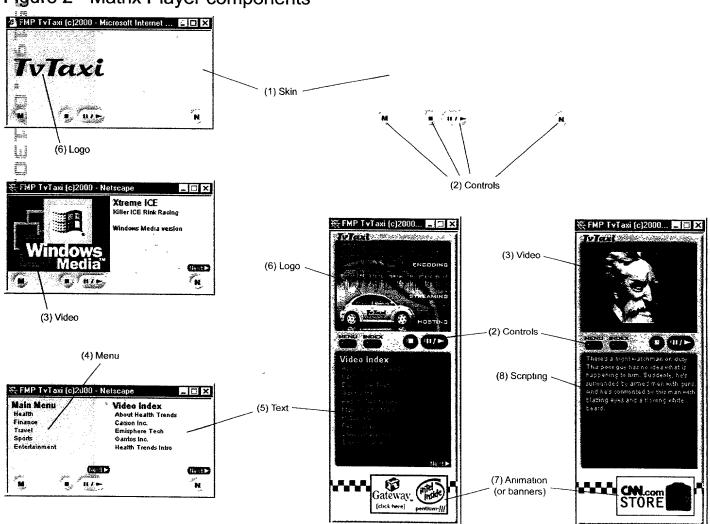
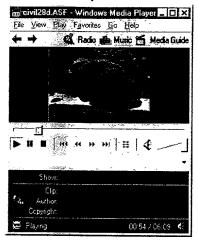


Figure 3 - Stand-Alone Players

Microsoft Media Player



Real Networks' Real Player



Apple Quicktime Player

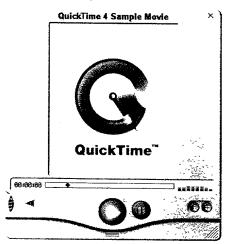
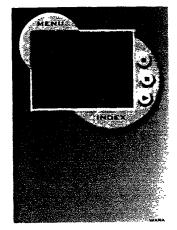
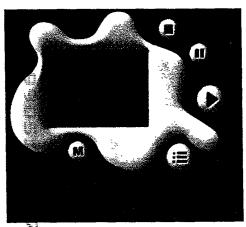


Figure 4 - Skins for various Matrix Players



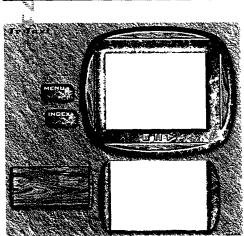




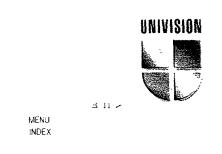


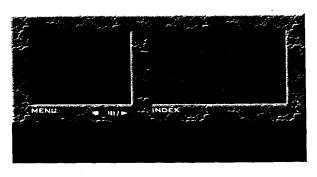












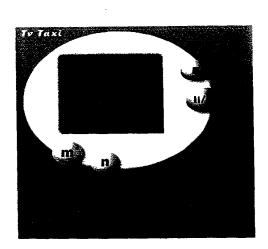
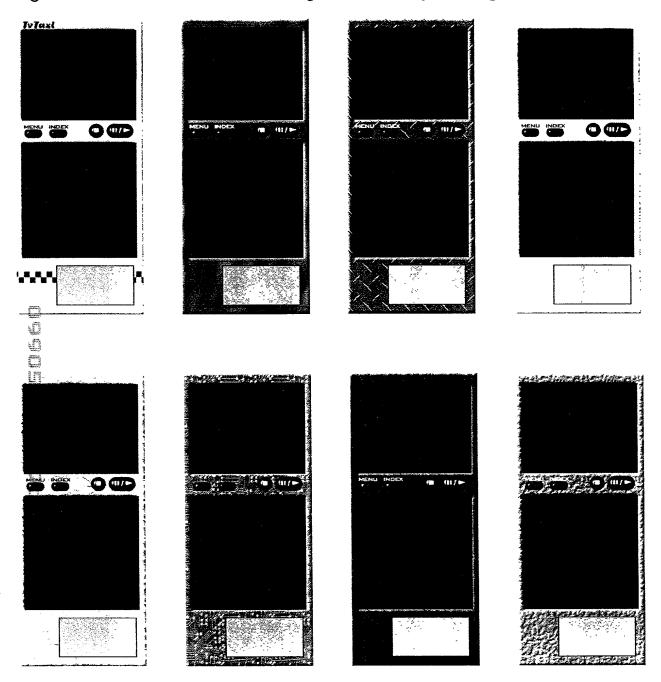


Figure 4b - Different skins for a single Matrix Player design



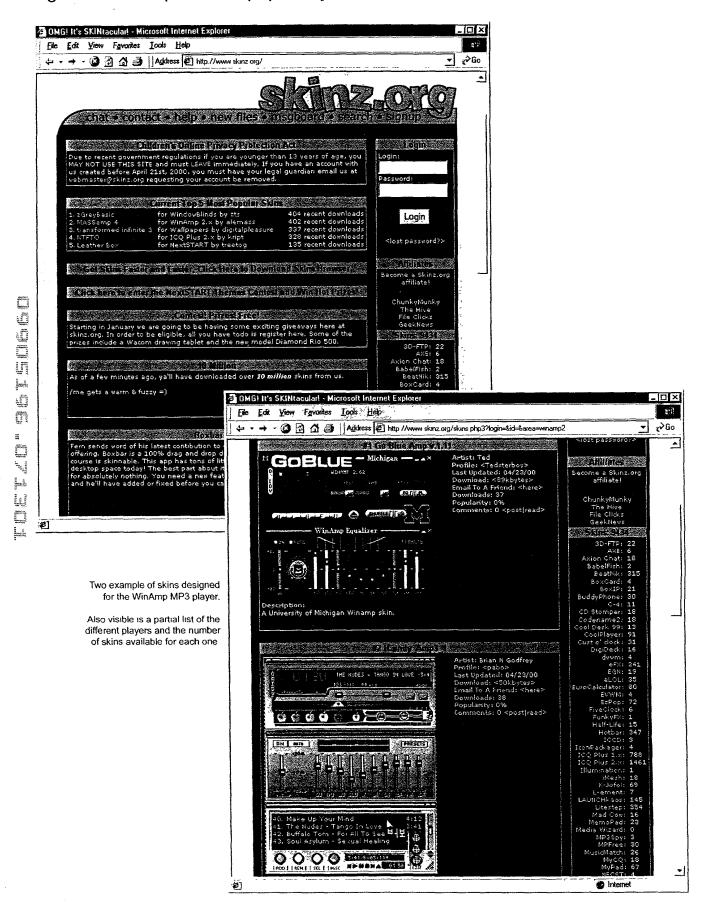
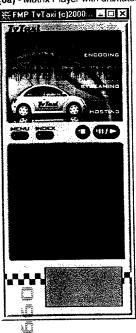


Figure 6 - Example of Matrix Player interactive scripting

(6a) - Matrix Player with animated Flash logo



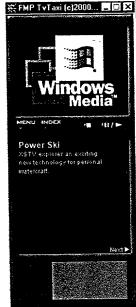
(6b) - User clicks "menu" button



(6c) - User selects "Sports", which changes the menu screen, then selects "Extreme Sports Network", then selects the "Power Ski" video.



(6d) - Selecting a video loads the required plug-in, then loads a data file which contains the text information for the video and also the graphic information to change the skin



(6e) - A scripting command that is embedded in the video at specific frames causes the video and text screens to change positions.



(6f) Another scripting command causes the video to scroll across the player, back to its criginal position, all without interrupting the video or its soundtrack.



(6g) - A scripting command sends another message to the text screen



(6h) - Several scripting commands cause the text screen to move, appearing to "bounce" off the inner edges of the player.



(6i) - Another message is sent to the text screen. Regular HTML tags can be used to set text font, size, and color.



(6j) - A scripting command causes a new data file to load.

